

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109765.D
 Acq On : 11 Oct 2018 2:29
 Operator : JU/SJ
 Sample : J5326-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1

Quant Time: Oct 11 07:17:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

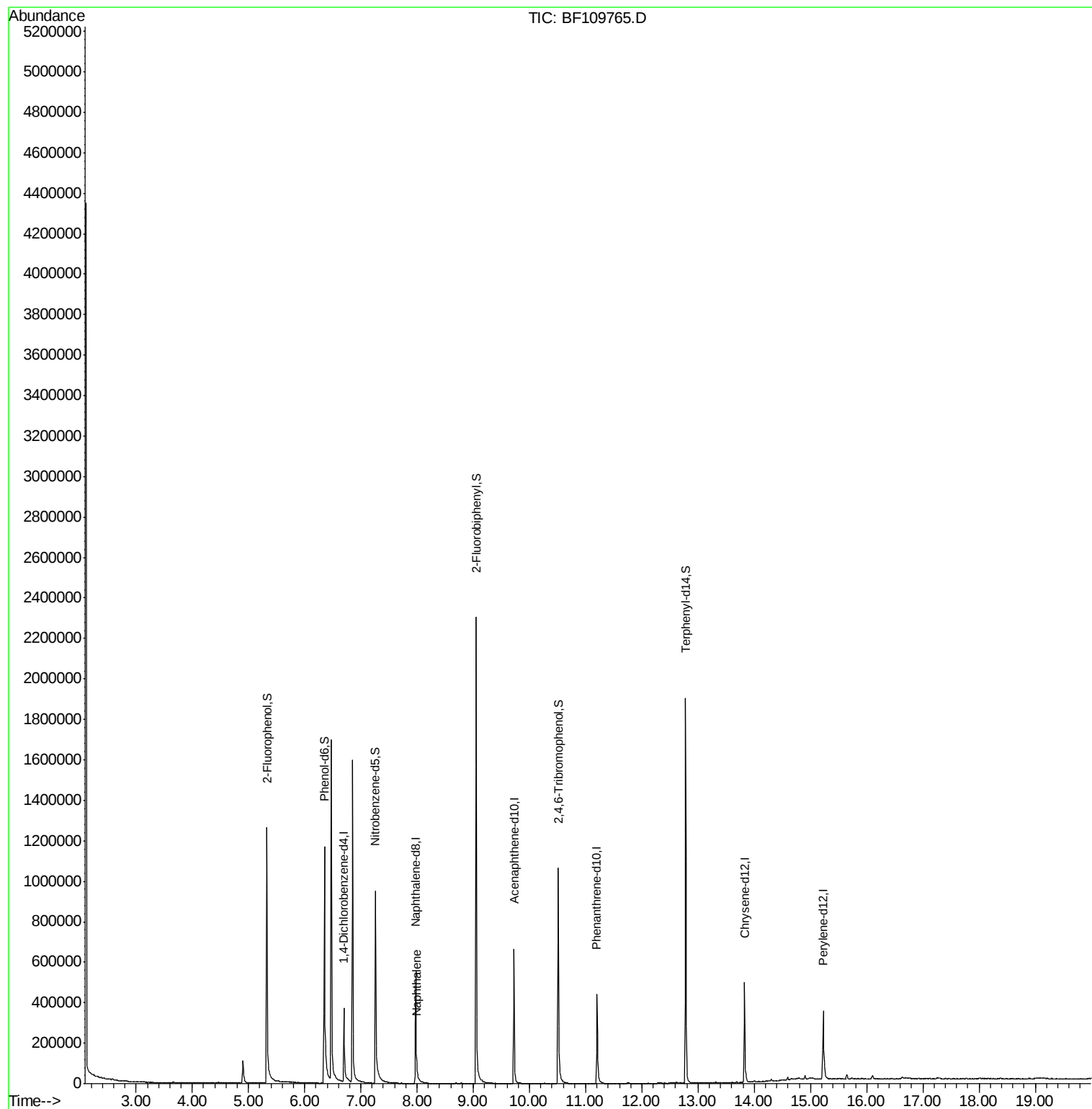
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	81386	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	328093	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	146426	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	249190	20.00	ng	0.00
75) Chrysene-d12	13.83	240	204559	20.00	ng	0.00
86) Perylene-d12	15.23	264	189611	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	456604	99.59	ng	0.00
7) Phenol-d6	6.35	99	588436	96.07	ng	0.00
23) Nitrobenzene-d5	7.26	82	471016	79.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	162694	101.97	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	840852	79.09	ng	0.00
78) Terphenyl-d14	12.78	244	692766	65.56	ng	0.00
Target Compounds						
31) Naphthalene	8.00	128	35395	2.333	ng	Qvalue 99

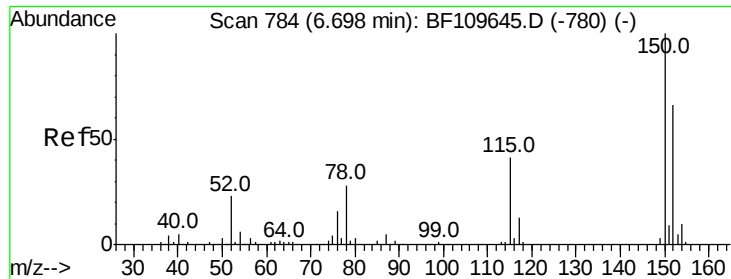
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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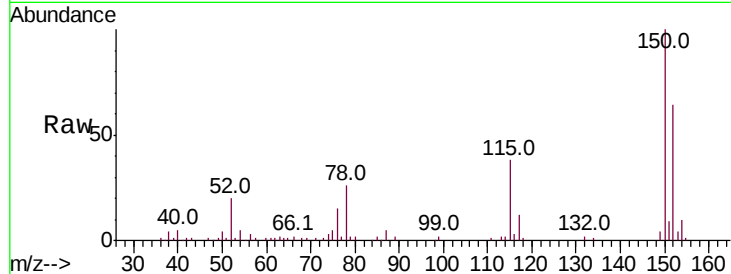


#1

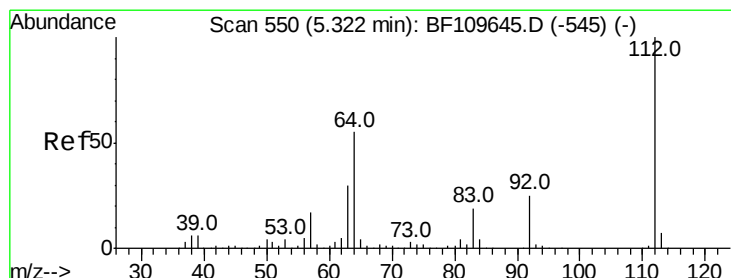
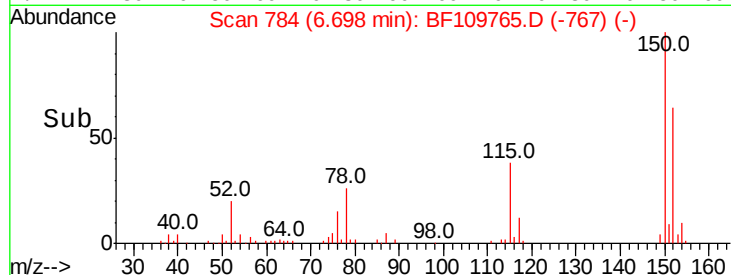
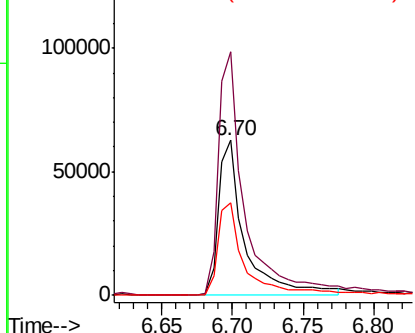
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109765.D
Acq: 11 Oct 2018 2:29

Instrument :
BNA_F
ClientSampled :
FL-PIT-1

Tot Ion:152 Resp: 81386
Ion Ratio Lower Upper
152 100
150 156.9 122.7 184.1
115 60.0 49.1 73.7



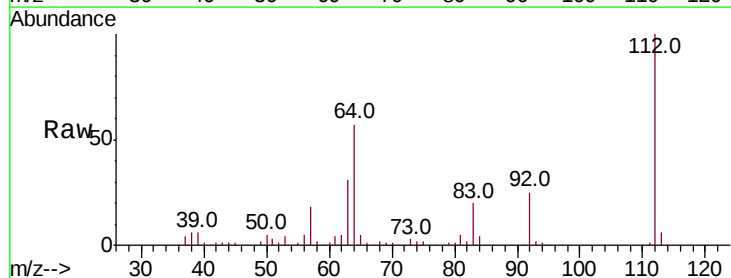
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



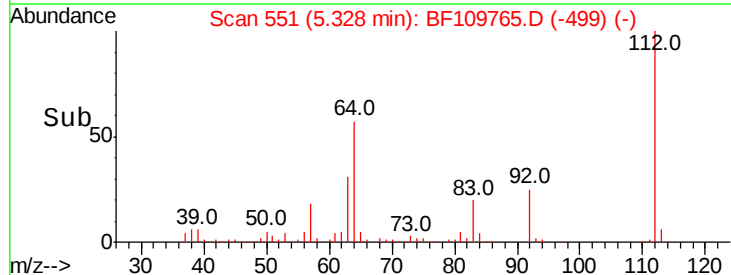
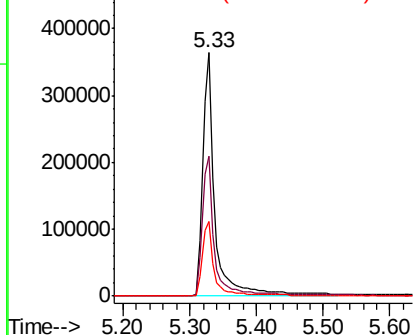
#5

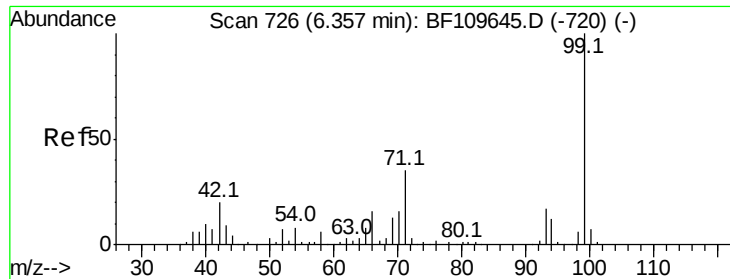
2-Fluorophenol
Concen: 99.585 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109765.D
Acq: 11 Oct 2018 2:29

Tgt Ion:112 Resp: 456604
Ion Ratio Lower Upper
112 100
64 57.5 44.1 66.1
63 30.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 96.070 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109765.D

Acq: 11 Oct 2018 2:29

Instrument :

BNA_F

ClientSampled :

FL-PIT-1

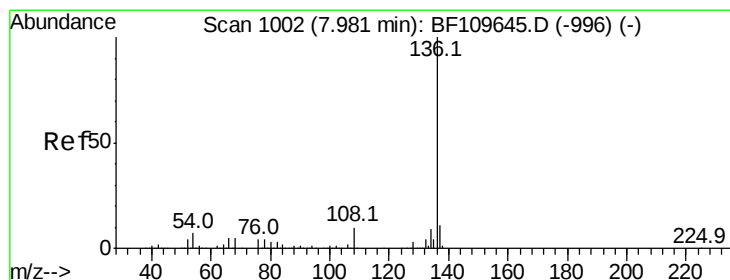
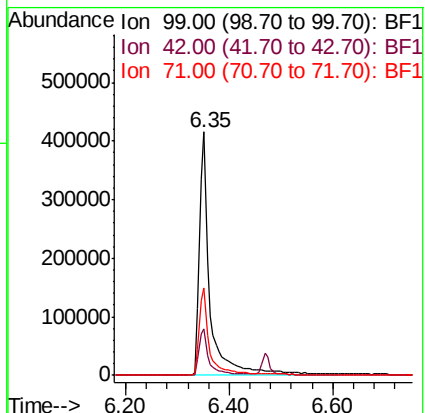
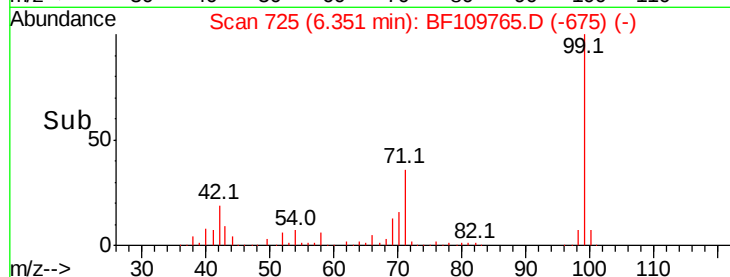
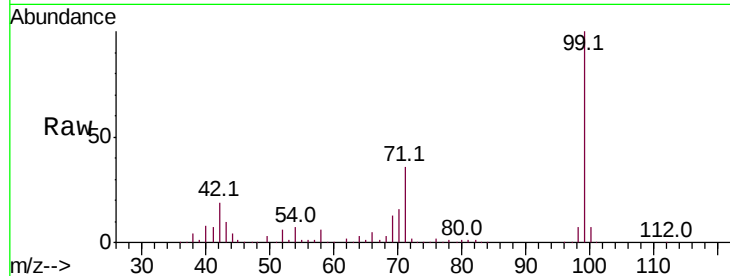
Tot Ion: 99 Resp: 588436

Ion Ratio Lower Upper

99 100

42 19.0 15.8 23.6

71 35.8 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109765.D

Acq: 11 Oct 2018 2:29

Tgt Ion: 136 Resp: 328093

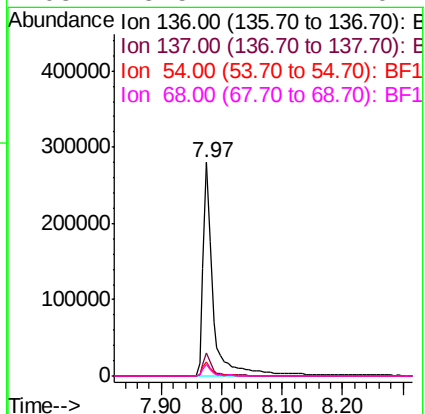
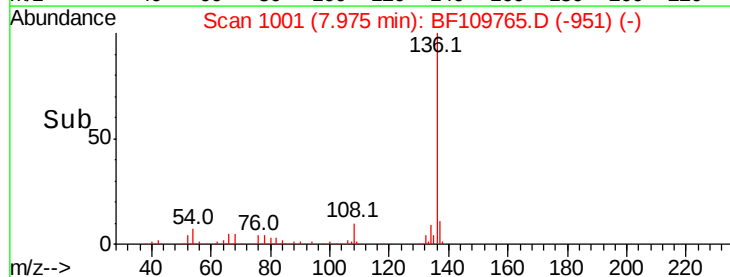
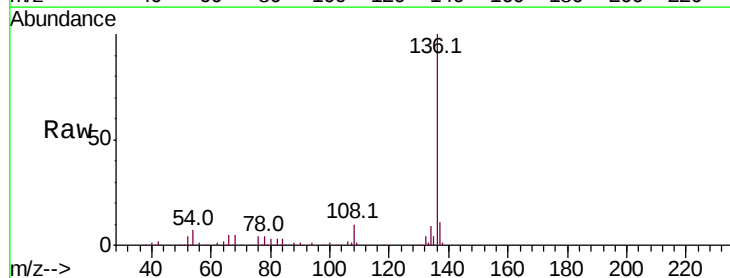
Ion Ratio Lower Upper

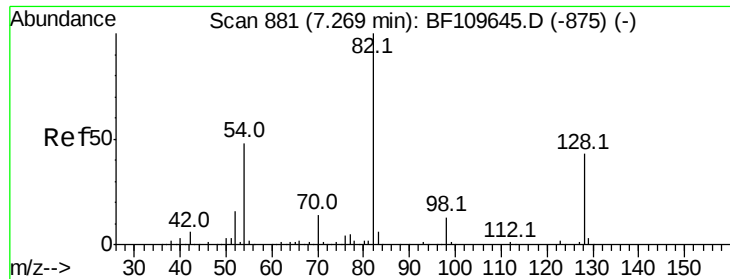
136 100

137 10.7 8.8 13.2

54 6.9 5.4 8.2

68 5.5 4.2 6.2

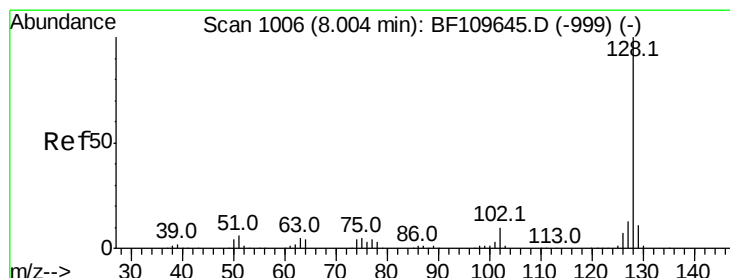
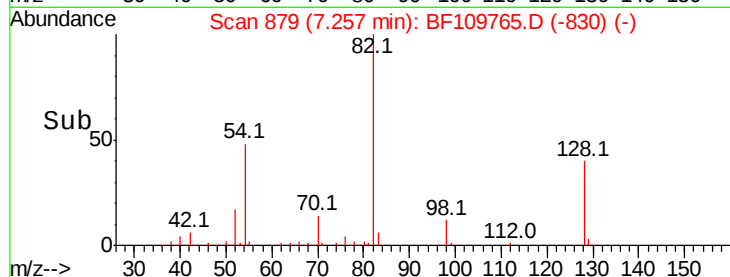
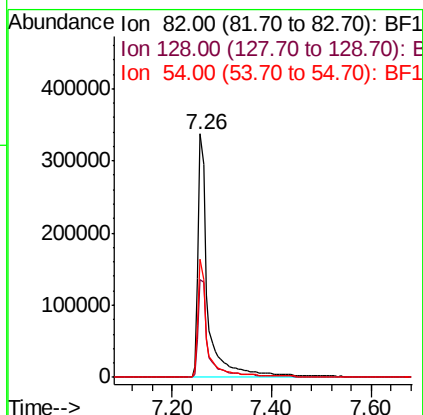
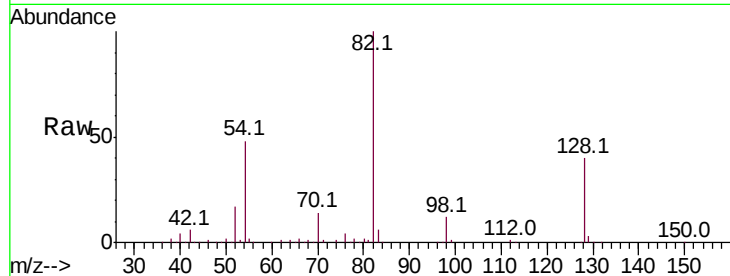




#23
 Nitrobenzene-d5
 Concen: 79.136 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109765.D
 Acq: 11 Oct 2018 2:29

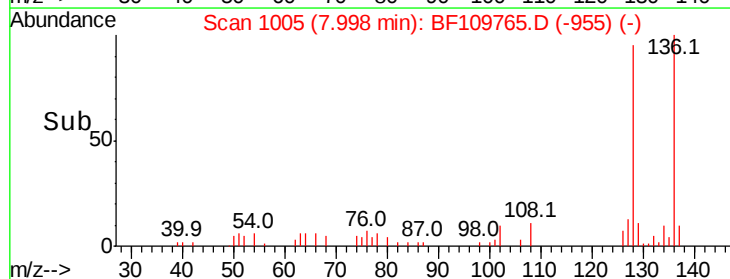
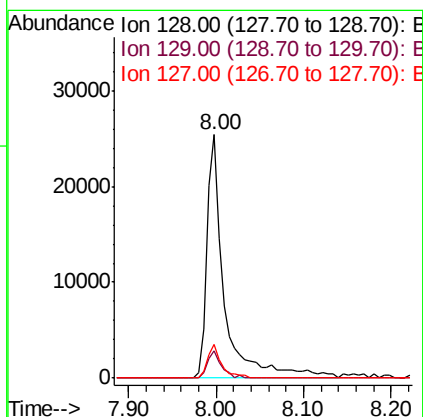
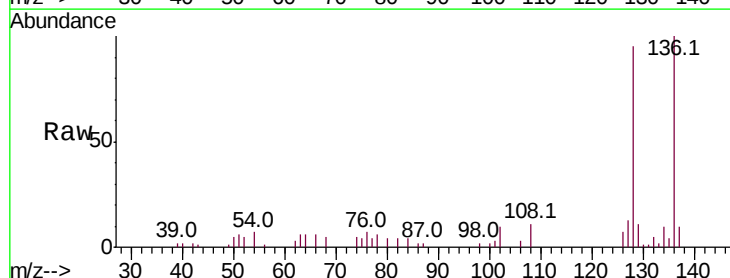
Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1

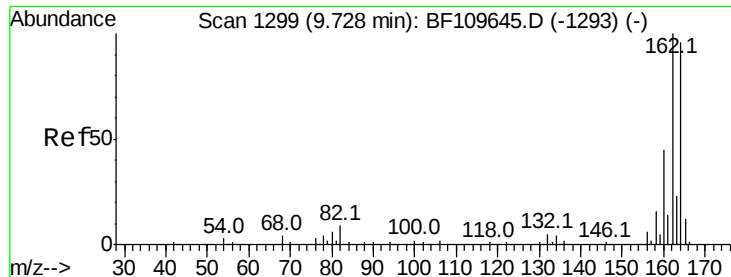
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.2	34.2	51.2
54	48.3	38.6	58.0



#31
 Naphthalene
 Concen: 2.333 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF109765.D
 Acq: 11 Oct 2018 2:29

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.8	10.8	16.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109765.D

Acq: 11 Oct 2018 2:29

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1

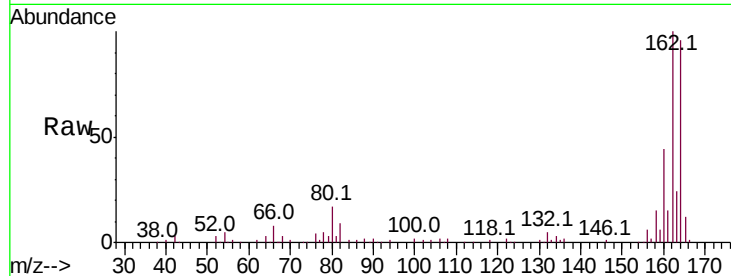
Tot Ion:164 Resp: 146426

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

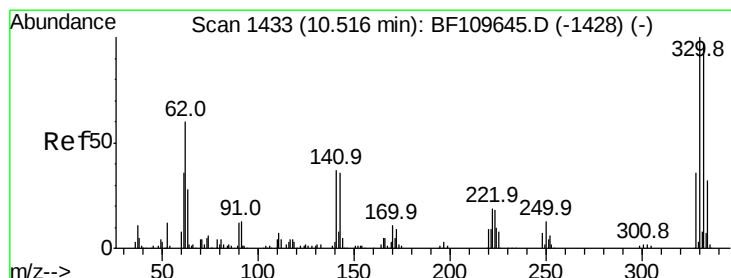
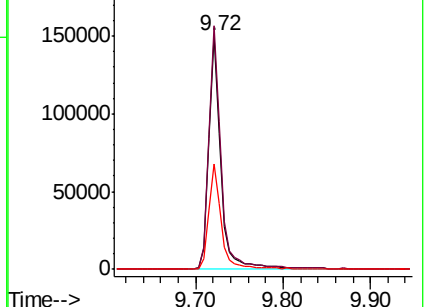
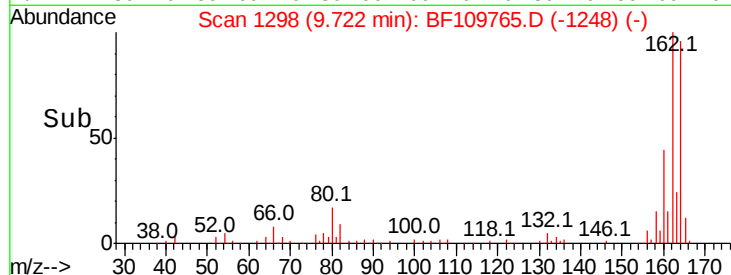
160 45.3 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 101.972 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109765.D

Acq: 11 Oct 2018 2:29

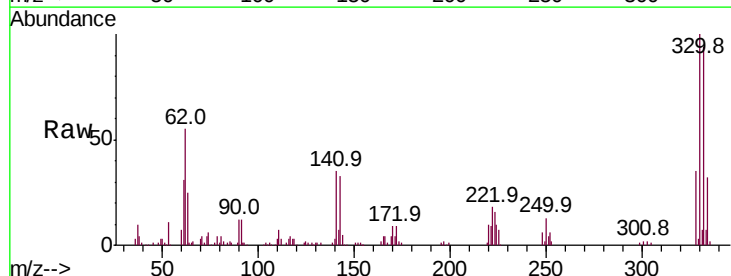
Tgt Ion:330 Resp: 162694

Ion Ratio Lower Upper

330 100

332 94.5 77.1 115.7

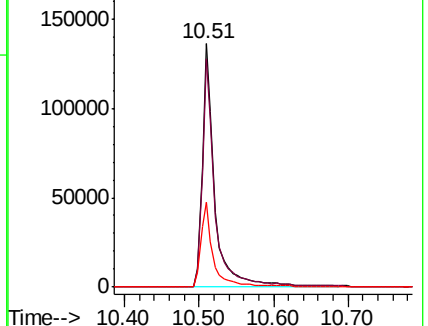
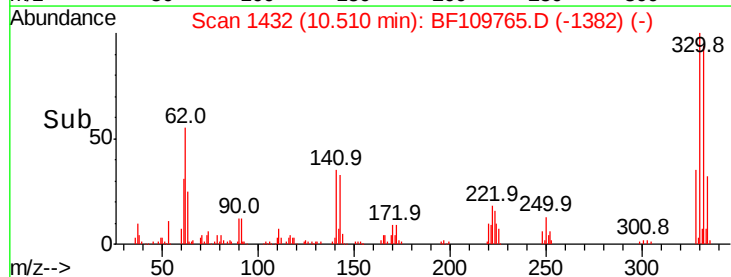
141 35.3 27.0 40.4

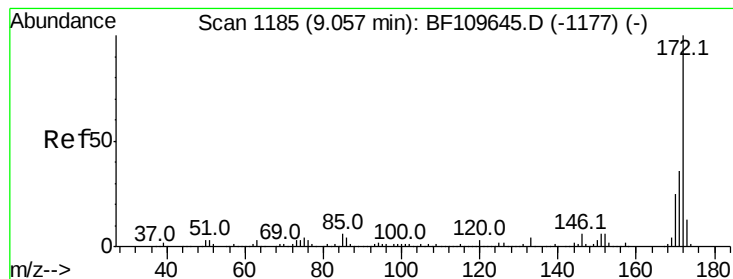


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 79.089 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF109765.D

Acq: 11 Oct 2018 2:29

Instrument :

BNA_F

ClientSampled :

FL-PIT-1

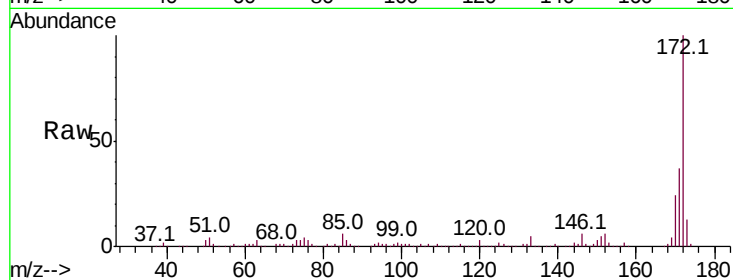
Tot Ion:172 Resp: 840852

Ion Ratio Lower Upper

172 100

171 36.8 28.6 43.0

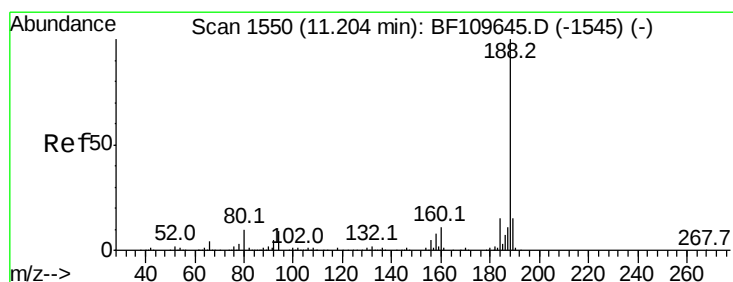
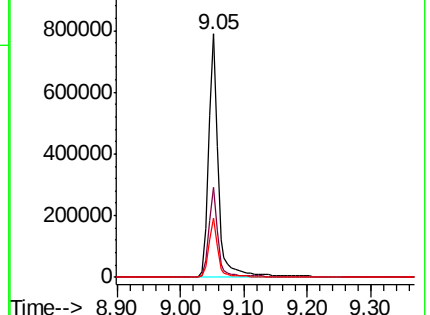
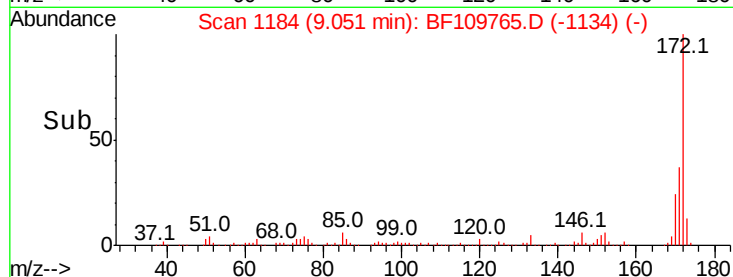
170 24.2 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF109765.D

Acq: 11 Oct 2018 2:29

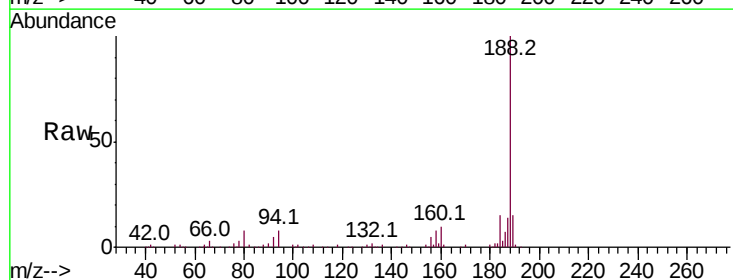
Tgt Ion:188 Resp: 249190

Ion Ratio Lower Upper

188 100

94 7.9 7.2 10.8

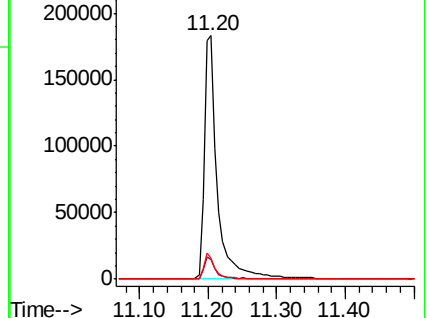
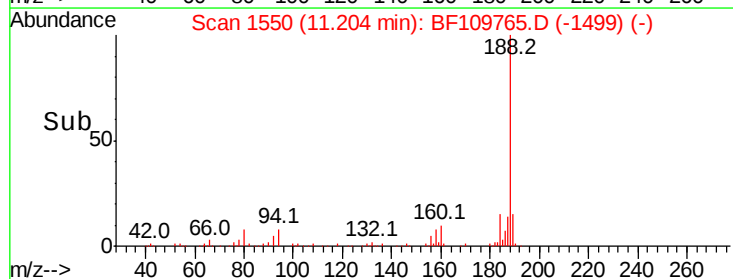
80 8.4 7.9 11.9

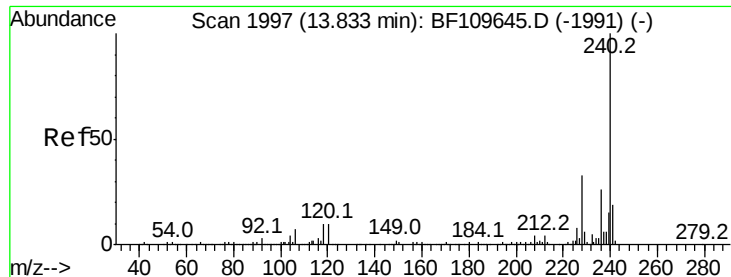


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109765.D

Acq: 11 Oct 2018 2:29

Instrument :

BNA_F

ClientSampled :

FL-PIT-1

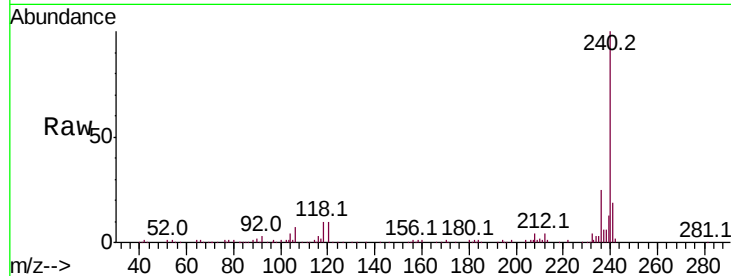
Tot Ion:240 Resp: 204559

Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

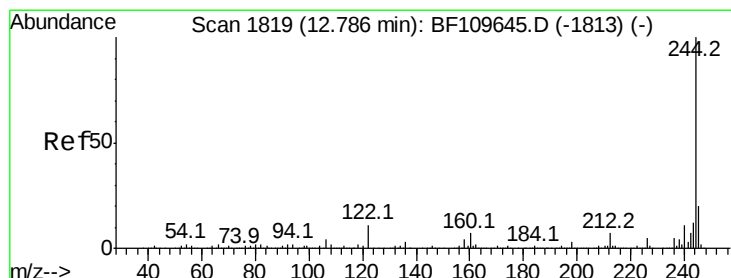
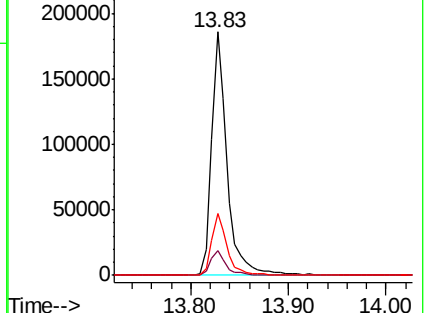
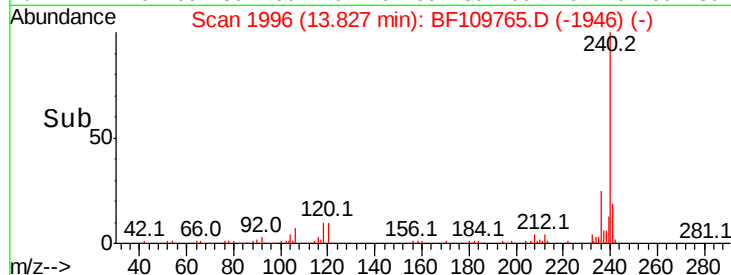
236 25.4 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 65.560 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109765.D

Acq: 11 Oct 2018 2:29

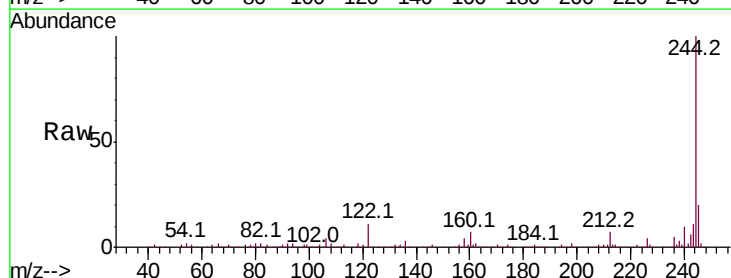
Tgt Ion:244 Resp: 692766

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

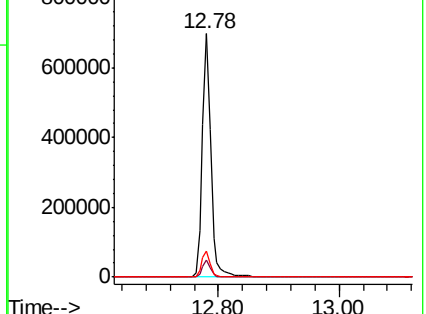
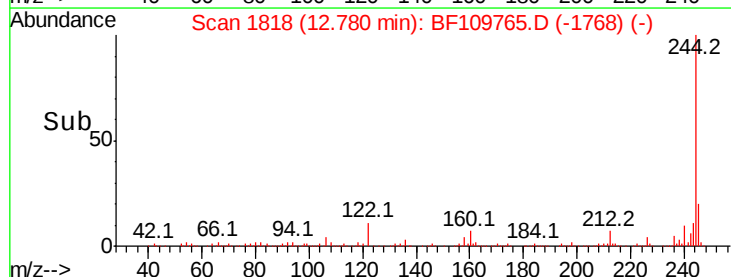
122 10.7 8.7 13.1

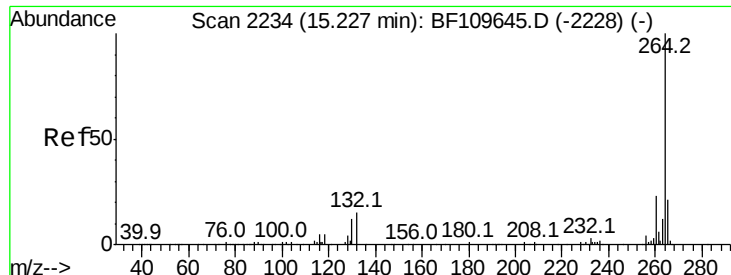


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109765.D
Acq: 11 Oct 2018 2:29

Instrument :
BNA_F
ClientSampleId :
FL-PIT-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.1	16.7	25.1

